FIG. 1
(PRIOR ART)

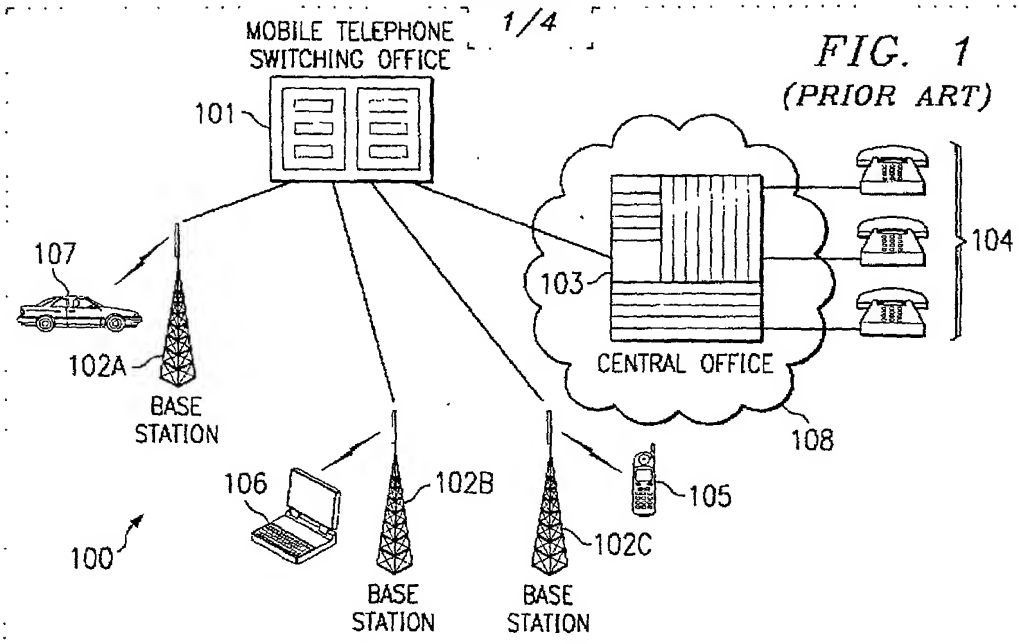
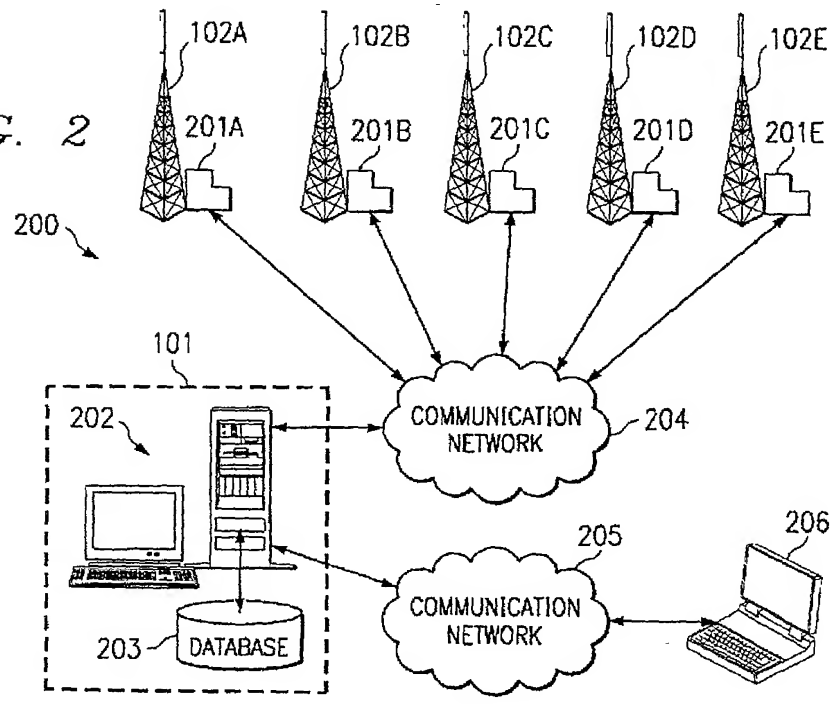
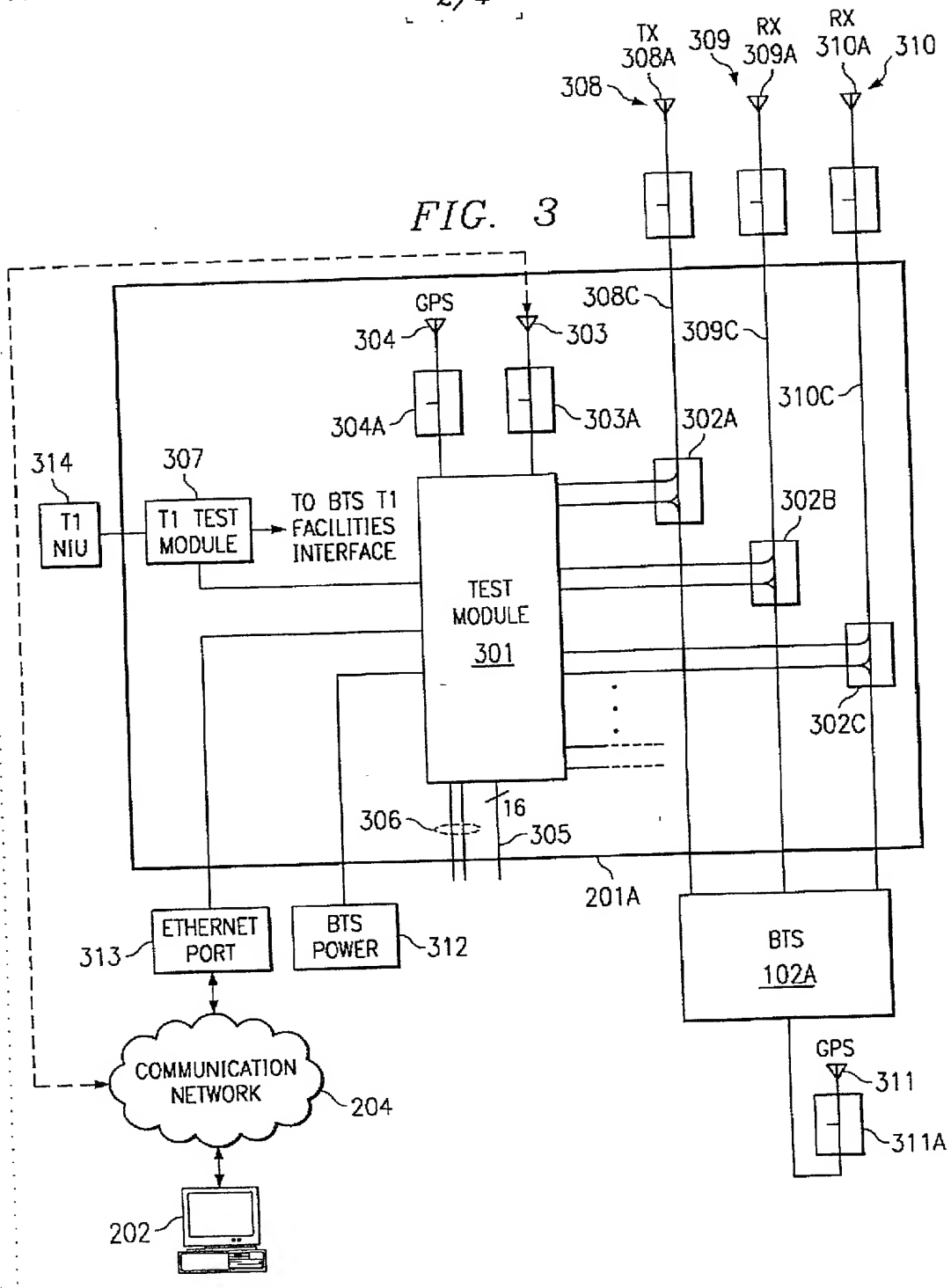


FIG. 2



A4

FIG. 3


TX
308A
309
RX
309A
RX
310A
310
308
GPS
304
303
308C
309C
310C
304A
303A
302A
314
307
T1
NIU
T1 TEST
MODULE
TO BTS T1
FACILITIES
INTERFACE
TEST
MODULE
301
302B
302C
306
16
305
201A
ETHERNET
PORT
313
BTS
POWER
312
BTS
102A
COMMUNICATION
NETWORK
204
GPS
311
311A
202

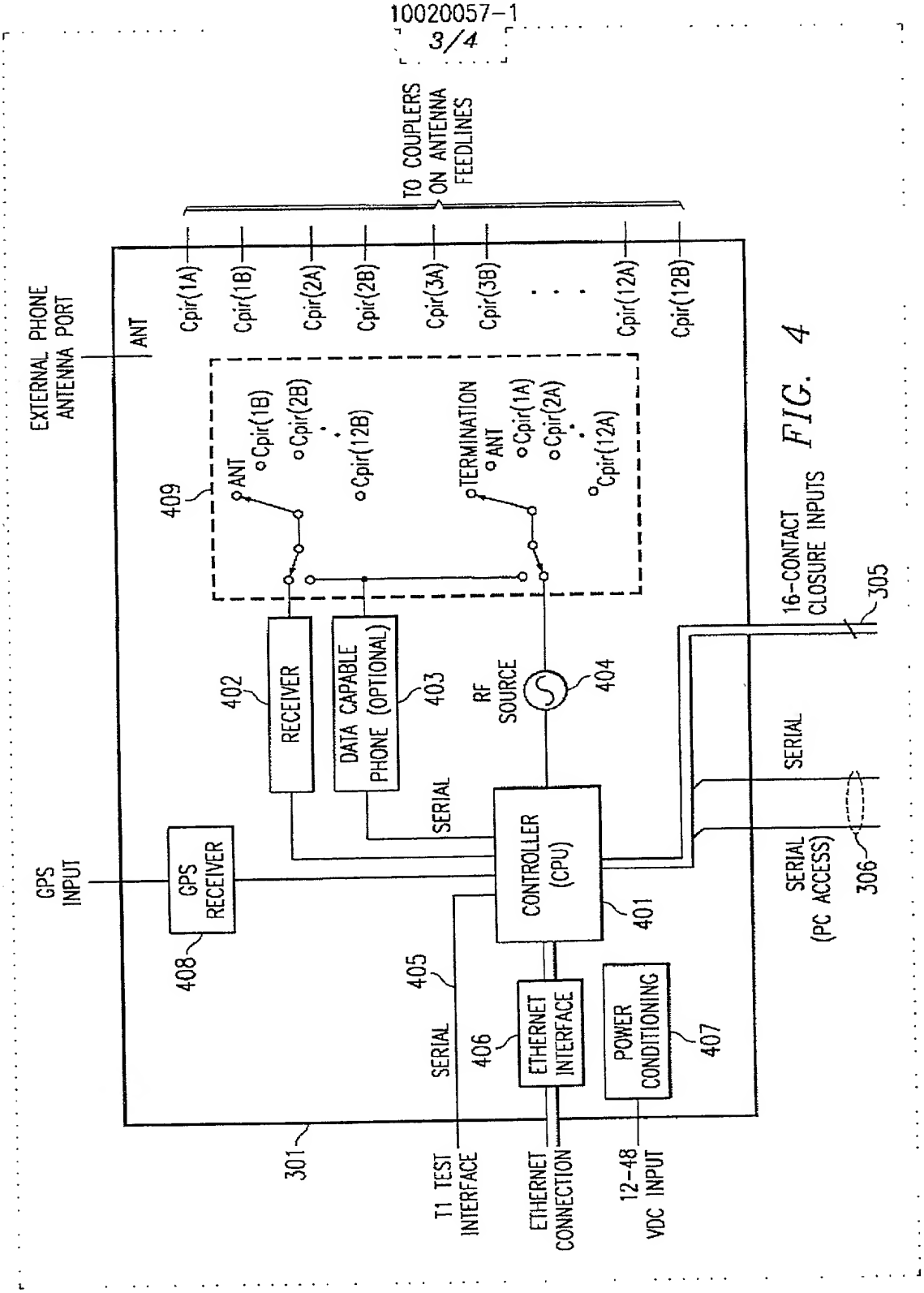
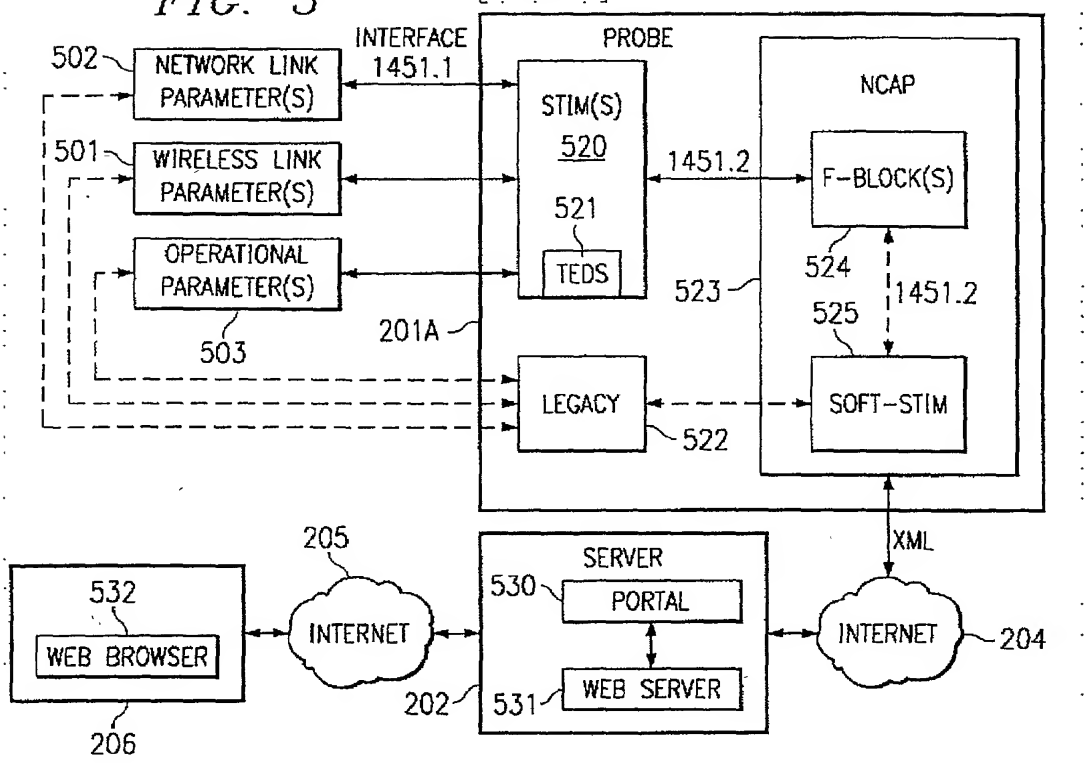

TO COUPLERS ON ANTENNA FEEDLINES
EXTERNAL PHONE ANTENNA PORT
ANT
Cpir(1A)
Cpir(1B)
Cpir(2A)
Cpir(2B)
Cpir(3A)
Cpir(3B)
Cpir(12A)
Cpir(12B)
409
TERMINATION
402
RECEIVER
DATA CAPABLE PHONE (OPTIONAL)
403
RF SOURCE
404
16-CONTACT CLOSURE INPUTS
305
SERIAL
GPS INPUT
GPS RECEIVER
408
CONTROLLER (CPU)
401
SERIAL (PC ACCESS)
306
405
406
ETHERNET INTERFACE
POWER CONDITIONING
407
301
T1 TEST INTERFACE
ETHERNET CONNECTION
12-48 VDC INPUT

FIG. 4

FIG. 5


502
NETWORK LINK PARAMETER(S)
INTERFACE 1451.1
PROBE
NCAP
501
WIRELESS LINK PARAMETER(S)
STIM(S) 520
1451.2
F-BLOCK(S)
521
TEDS
524
523
1451.2
525
OPERATIONAL PARAMETER(S)
503
201A
LEGACY
522
SOFT-STIM
XML
205
SERVER
532
530
PORTAL
WEB BROWSER
INTERNET
INTERNET
204
202
531
WEB SERVER
206

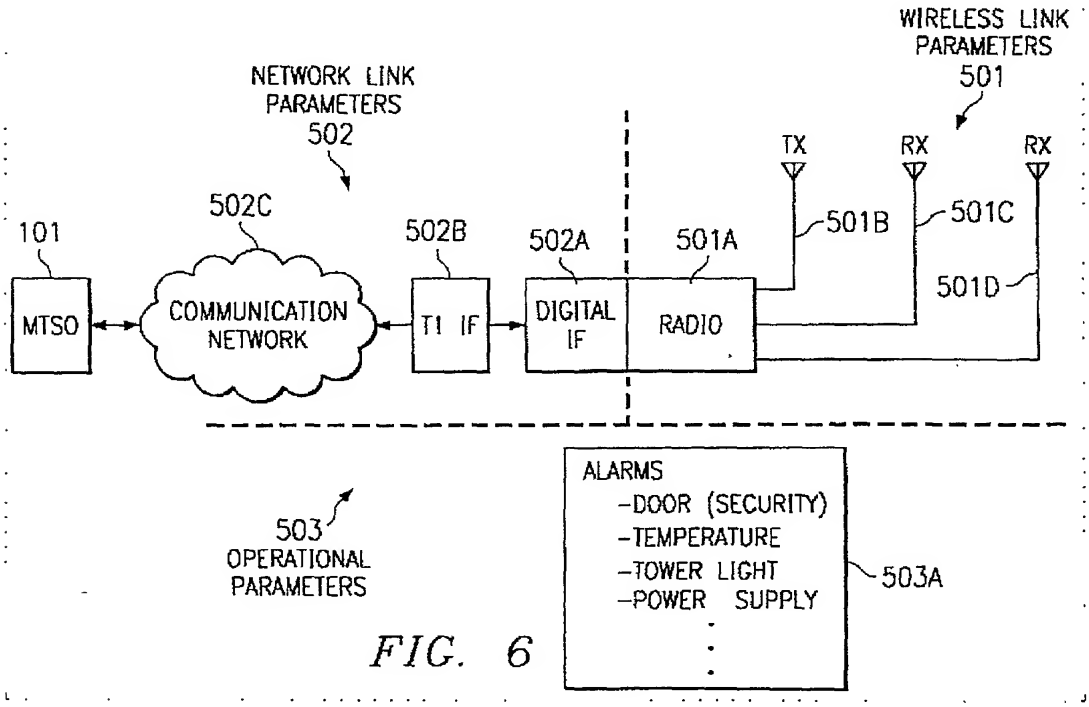

WIRELESS LINK PARAMETERS
501
NETWORK LINK PARAMETERS
502
TX
RX
RX
502C
101
502B
502A
501A
501B
501C
501D
MTSO
COMMUNICATION NETWORK
T1 IF
DIGITAL IF
RADIO
503
OPERATIONAL PARAMETERS
ALARMS
-DOOR (SECURITY)
-TEMPERATURE
-TOWER LIGHT
-POWER SUPPLY
503A

FIG. 6